

Datasheet		GEO-O-3-5		
Battery Voltage	48VDC			
Battery Type	Lithium/Lead-acid			
INVERTER OUTPUT				
Rated Power	3000VA/ 3000W	3500VA/ 3500W	5000VA/ 5000W	
Parallel Capability	NO	Yes, 6 units maximum		
AC Voltage Regulation (Battery Mode)	230VAC ± 5% @ 50/60Hz			
Surge Power	6000VA	7000VA	10000VA	
Efficiency (Peak)	93%			
Waveform	Pure sine wave			
Transfer Time	10ms typical, 20ms Max			
SOLAR CHARGER				
Maximum PV Array Power	4000W	4500W	6000W	
MPPT Range @ Operating Voltage	120VDC ~ 430VDC			
Number of Independent MPP Trackers/ Strings Per MPP Tracker	1/1			
Maximum PV Array Open Circuit Voltage	450VDC			
Maximum Solar Charge Current	60A	80A	100A	
AC CHARGER				
Charge Current	60A		80A	
AC Input Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)			
Frequency Range	50Hz/60Hz (Auto sensing)			
PHYSICAL				
Protection Degree	IP20			
Dimension (W/H/D)	330/485/135mm			
Net Weight	11.5kg	11.5kg	12kg	
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Altitude	<2000m			
Operating Temperature	0°C - 55°C			
Storage Temperature	-15°C - 60°C			